

PTO/SB/08b(08-03)

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of 1

Complete if Known

Application Number 10/736,994

Filing Date December 15, 2003

First Named Inventor PAUL, Edward L. Jr.

Art Unit 3762 3766

Examiner Name unassisted Brian

Attorney Docket Number 2C03.1-332

LITERATURE DOCUMENTS

LITERATURE DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

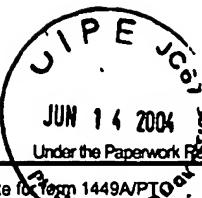
Examiner Signature	<u>Bruen Gedon</u>	Date Considered	3/8/06
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTQ

<p>Substitute for Form 1449A/PTO-1 Information Disclosure Statement by Applicant</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>		Complete If Known	
		Application Number	10/736,994
		Filing Date	December 15, 2003
		First Named Inventor	PAUL, Edward L. Jr.
		Art Unit	AIA 3766
		Examiner Name	AIA BRIAN T. GEDDON
Sheet	1	of	4
		Attorney Docket Number	42C03.1-332

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (If known)			
Btz	A	US-Re 35,987	12-08-1998	HARRIS et al.	
	B	US- 4,712,558	12-15-1987	KIDD et al.	
	C	US- 4,989,605	02-05-1991	ROSSEN	
	D	US- 5,109,847	05-05-1992	LISS et al.	
	E	US- 5,314,423	05-24-1994	SENEY	
	F	US- 5,324,317	06-28-1994	REISS	
	G	US- 5,397,338	03-14-1995	GREY et al.	
	H	US- 5,447,526	09-05-1995	KARSDON	
	I	US- 5,522,864	06-04-1996	WALLACE et al.	
	J	US- 5,549,656	08-27-1996	REISS	
	K	US- 5,571,150	11-05-1996	WERNICKE et al.	
	L	US- 5,611,350	03-18-1997	JOHN	
	M	US- 5,702,428	12-30-1997	TIPPEY et al.	
	N	US- 5,713,940	02-03-1998	KARSDON	
	O	US- 5,800,458	09-01-1998	WINGROVE	
	P	US- 5,851,223	12-22-1998	LISS et al.	
	Q	US- 5,935,156	08-10-1999	CHANDLER et al.	
	R	US- 5,964,789	10-12-1999	KARSDON	
	S	US- 6,035,236	03-07-2000	JARDING et al.	
Btz	T	US- 6,066,163	05-23-2000	JOHN	

FOREIGN PATENT DOCUMENTS

Examiner Signature	<u>Brian Geden</u>	Date Considered	3/8/06
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				<i>Application Number</i>	10/736,994
				<i>Filing Date</i>	December 15, 2003
				<i>First Named Inventor</i>	PAUL, Edward L. Jr.
				<i>Art Unit</i>	N/A
				<i>Examiner Name</i>	N/A
Sheet	2	of	4	Attorney Docket Number	42C03.1-332

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/736,994
<i>(Use as many sheets as necessary)</i>				<i>Filing Date</i>	December 15, 2003
				<i>First Named Inventor</i>	PAUL, Edward L., Jr.
				<i>Art Unit</i>	N/A
				<i>Examiner Name</i>	N/A
Sheet	3	of	4	<i>Attorney Docket Number</i>	2C03.1-332

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>B6</i>	Y	Allen et al., "Macular Degeneration Treatment with Nutrients and Micro Current Electricity," <i>Journal of Orthomolecular Medicine</i> , 4 th Quarter 1998, Vol. 13, No. 4.	
<i>↑</i>	Z	Michael et al., "Nutritional Supplementation, Electrical Stimulation and Age Related Macular Degeneration," <i>Indiana School of Optometry</i> .	
	AA	Paul May, "Adenosine Triphosphate - ATP," <i>Bristol University</i>	
	AB	Cheng et al., "The Effects of Electrical Currents on ATP Generation, Protein Synthesis, and Membrane Transport in Rat Skin," <i>Clinical Orthopedics and Related Research</i> , No. 171, Nov.-Dec. 1982, pp. 264-272.	
	AC	Feher et al., "Mitotropic Compounds for the Treatment of Age Related Macular Degeneration, The Metabolic Approach and a Pilot Study," <i>Ophthalmologica</i> 2003;217, pp. 351-357.	
	AD	Optogen Corporation, "Making Microcurrent Stimulation Available to the Victims of Macular Degeneration," http://www.optogen.com .	
	AE	Micro Slim, "Transcutaneous Electrical Nerve Stimulation System, LED (Light Emitting Diode) Electrode System," <i>Patient and Clinician Instruction Manual</i> , pp. 1-13.	
	AF	Carley et al., "Electrotherapy for Acceleration of Wound Healing: Low Intensity Direct Current," <i>Arch Phys Med Rehabil</i> , Vol. 66, Issue 7, July 1985, pp. 443-446.	
	AG	Wolcott et al., "Accelerated Healing of Skin Ulcers by Electrotherapy: Preliminary Clinical Results," <i>Southern Medical Journal</i> , Vol. 62, Issue 7, July 1969, pp. 795-801.	
<i>B6</i>	AH	Gault et al., "Use of Low Intensity Direct Current in Management of Ischemic Skin Ulcers," <i>Physical Therapy</i> , Vol. 56, No. 3, March 1976, pp. 265-269.	
<i>↓</i>	AI	Ohno, T., "Experimental Studies of Influences on Healing Process of Mandibular Defect Stimulated by Microcurrent," <i>Shikwa Gakuho, Journal of the Tokyo Dental College</i> , Vol. 62, No. 9, Sept. 1982, pp. 1323-1353 (with English Abstract).	

Examiner Signature	<i>Brian Gedon</i>	Date Considered	<i>3/8/06</i>
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				First Named Inventor	PAUL, Edward L., Jr.
				Art Unit	N/A
				Examiner Name	N/A
Sheet	4	of	4	Attorney Docket Number	2C03.1-332

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	AJ	Sinitzyn, et al., "Effect of Electrical Microcurrents on the Regeneration Processes in Skin Wounds," <i>Ortopedia i Travmatologija i Protezirovaniye</i> , Vol. 1986, No. 2, Feb. 1986, pp. 25-28 (with English Abstract)		T ²
BT3	AK	Nessler et al., "Direct-Current Electrical Stimulation of Tendon Healing in Vitro," <i>Clinical Orthopaedics and Related Research</i> , No. 217, April 1987, pp. 303-312		
↑	AL	Owoeye et al., "Low-Intensity Pulsed Galvanic Current and the Healing of Tenotomized Rat Achilles Tendons: Preliminary Report Using Load-to Breaking Measurements," <i>Archives of Physical Medicine and Rehabilitation</i> , Vol. 68, No. 7, July 1987, pp. 415-418.		
	AM	Altman, L.K., "Cell Channel Finding Earns Nobel Prize: Two Germans Found How Cells Control Their Electrical State," <i>New York Times</i> , Oct. 8, 1991, pp. C1, C3: Science Times Section.		
	AN	Richez, et al., "Bone Changes Due to Pulses of Direct Electrical Microcurrent," <i>Virchows Archiv A: Pathology, Pathologische Anatomie</i> , Vol. 357, No. 1, 1972, pp. 11-18.		
	AO	Byl et al., "Pulsed Microamperage Stimulation: A Controlled Study of Healing of Surgically Induced Wounds in Yucatan Pigs," <i>Physical Therapy</i> , Vol. 74, No. 3, March 1994, pp. 201-218.		
↓	AP	Bertolucci et al., "Clinical Comparative Study of Microcurrent Electrical Stimulation to Mid-Laser and Placebo Treatment in Degenerative Joint Disease of the Temporomandibular Joint," <i>Journal of Craniomandibular Practice</i> , Vol. 13, No. 2, April 1995, pp. 116-120.		
BT3	AQ	Wing, Thomas W., M.D., "Can ELF Help Your Patients?" <i>Chiropractic Economics</i> , March/April 1987.		

Examiner Signature	Brian Gedem	Date Considered	3/9/06
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